step (a) to generate a graph containment hierarchy of supergraph structures and subgraph structures in which each of the supergraph structures and subgraph structures corresponds to at least one information source.

A1

A2

5. The method according to claim 1 wherein step (b) comprises displaying the supergraph structures and subgraph structures in the graph containment hierarchy.

A3

7. The method according to claim 1 wherein step (b) comprises displaying the graph containment hierarchy and identifying information for each information source.

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17. Apparatus for locating and classifying information sources in response to a query, the apparatus comprising:

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a retrieval engine that receives a knowledge representation graph structure of the query and, in response thereto, locates a collection of information sources and generates an information source knowledge representation graph structure of each located information source in the collection; and

a graph matching processor that matches the query knowledge representation graph structure to the information source knowledge representation graph structures obtained by the retrieval engine to generate a graph containment hierarchy of supergraph structures and subgraph structures in which each of the supergraph structures and subgraph structures corresponds to at least one information source.

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21. The apparatus according to claim 17 further comprising a graphical user interface that displays the supergraph structures and subgraph structures in the graph containment hierarchy.

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The apparatus according to claim ~~11~~ further comprising a graphical user interface that displays the graph containment hierarchy and identifying information for each information source.

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A computer program product for locating and classifying information sources in response to a query, the computer program product comprising a computer usable medium having computer readable program code thereon, including:

program code for providing a knowledge representation graph structure of the query to a retrieval engine that locates a collection of information sources and generates an information source knowledge representation graph structure of each located information source in the collection; and

program code for matching the query knowledge representation graph structure to the information source knowledge representation graph structures obtained in step (a) to generate a graph containment hierarchy of supergraph structures and subgraph structures in which each of the supergraph structures and subgraph structures corresponds to at least one information source.

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A computer data signal embodied in a carrier wave for locating and classifying information sources in response to a query, the computer data signal comprising:

program code for providing a knowledge representation graph structure of the query to a retrieval engine that locates a collection of information sources and generates an information source knowledge representation graph structure of each located information source in the collection; and

program code for matching the query knowledge representation graph structure to the information source knowledge representation graph structures obtained in step (a) to generate a graph containment hierarchy of supergraph structures and subgraph structures in which each of the supergraph structures and subgraph structures corresponds to at least one information source.